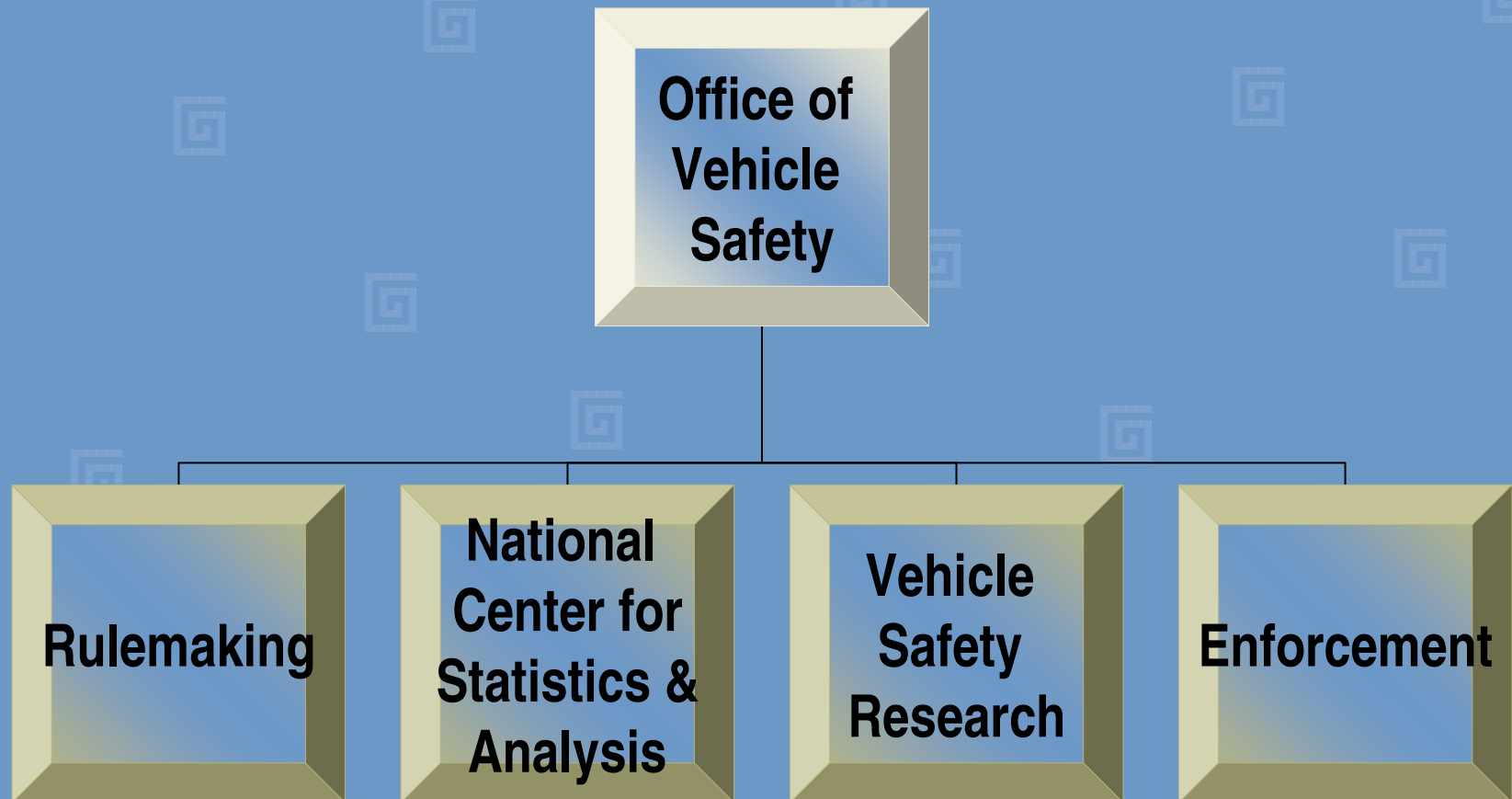




# **DOT Vendor Day 2008**

Terry Anderson, Compliance Program Manager  
Office of Vehicle Safety Compliance  
May 13, 2008

# Office of Vehicle Safety



# Rulemaking

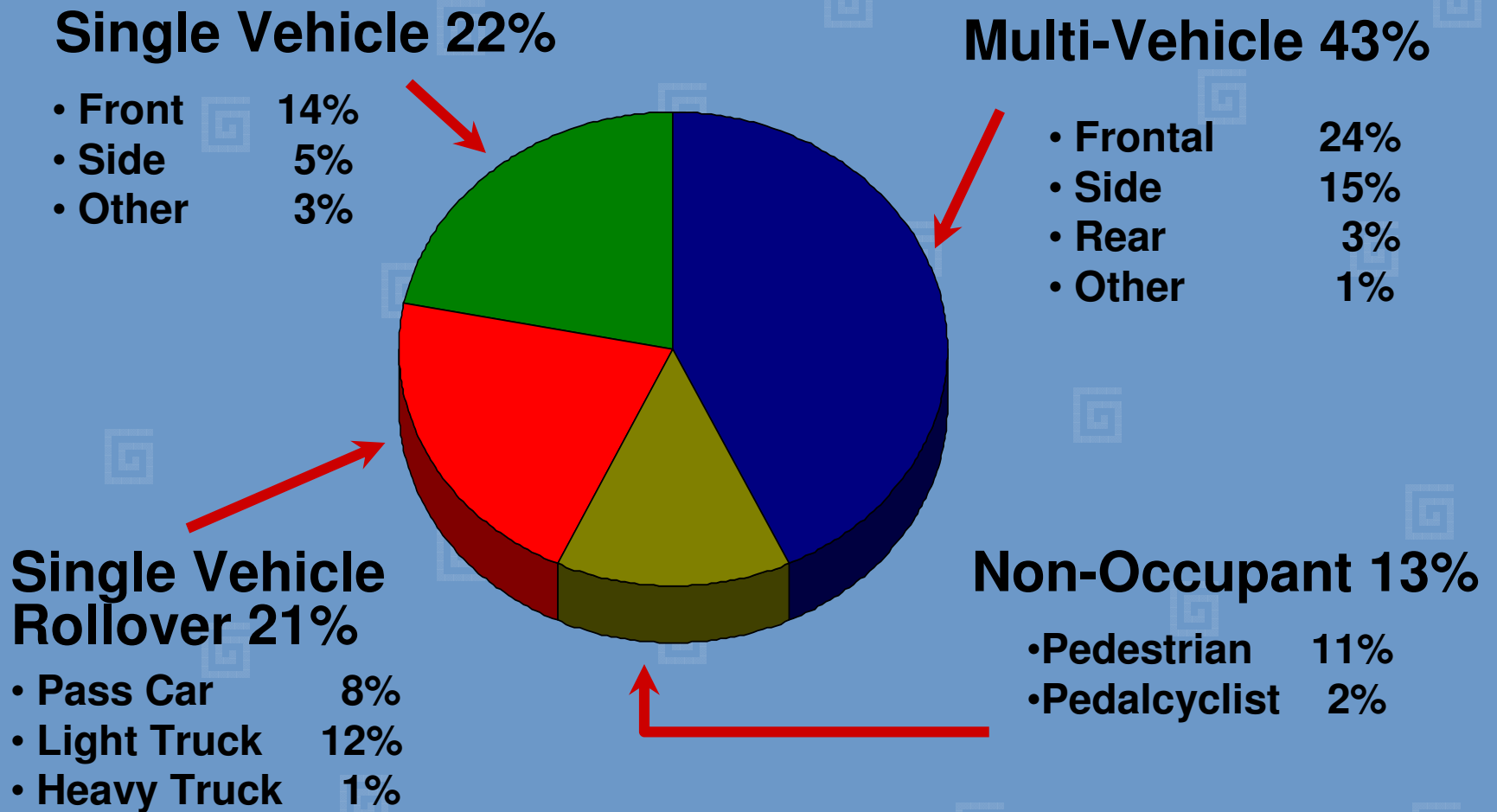
- Federal Motor Vehicle Safety Standards
  - Sets new standards and reviews existing standards
- Process
  - Conduct research to define problem
  - Develop and evaluate methods to address the problem
  - Establish and validate test procedures to ensure compliance
  - Obtain industry and public feedback
  - Adopt standard
- Standards exist for Brakes, Head Lamps, Occupant Crash Protection, Glass, Tires, etc.

# National Center for Statistic & Analysis

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- DATA
  - Fatal Analysis Reporting System (FARS)
  - National Automobile Sampling System (NASS)
  - Special Crash Investigations
- ANALYSIS
  - Analyze traffic safety problems
  - Measure effectiveness of safety efforts

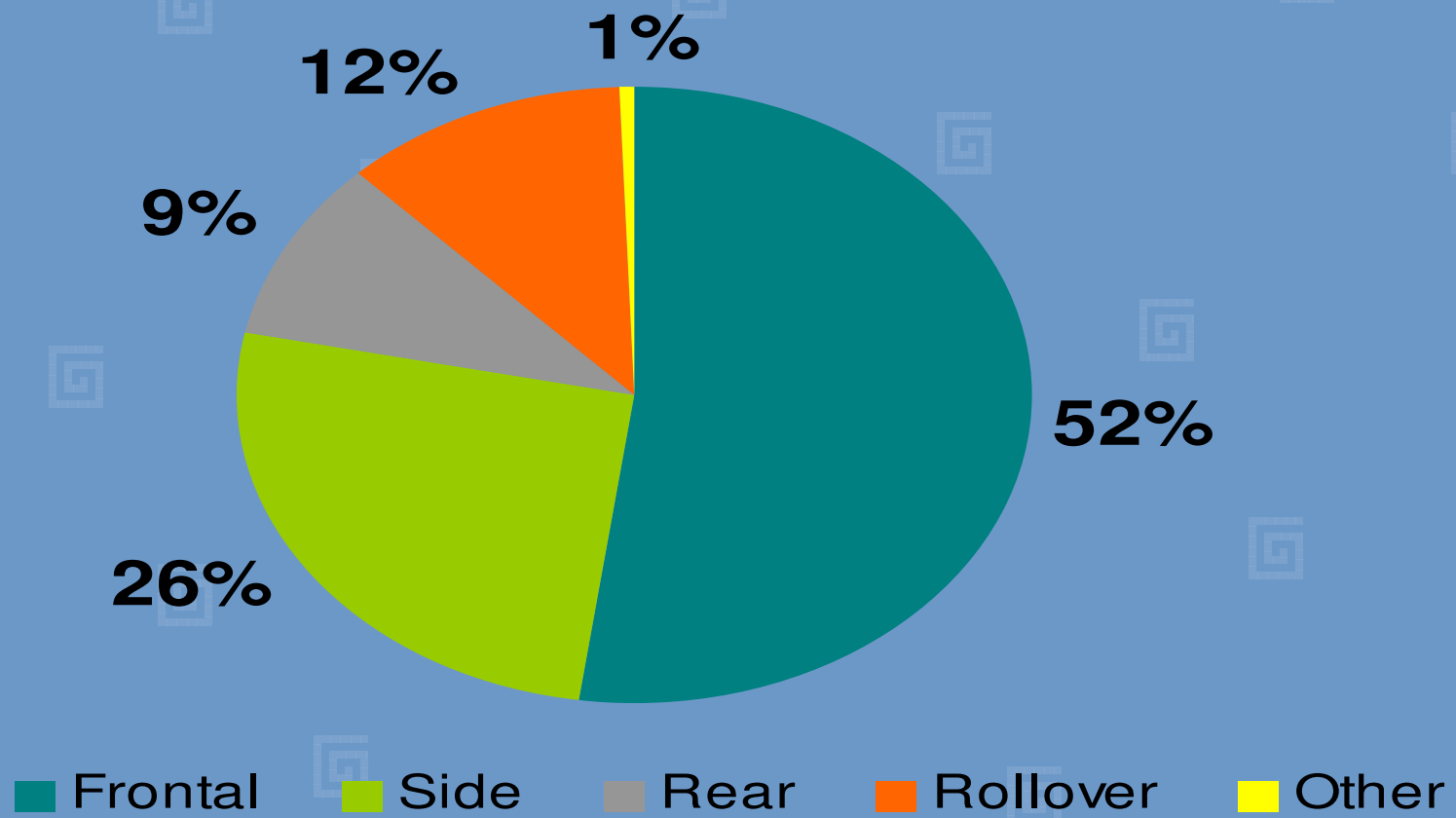
# How People Die on the US Roadways



Source: FARS Census [43,443 deaths in 2005]

# Child Occupant Safety

**How are kids injured?**



# Vehicle Safety Research

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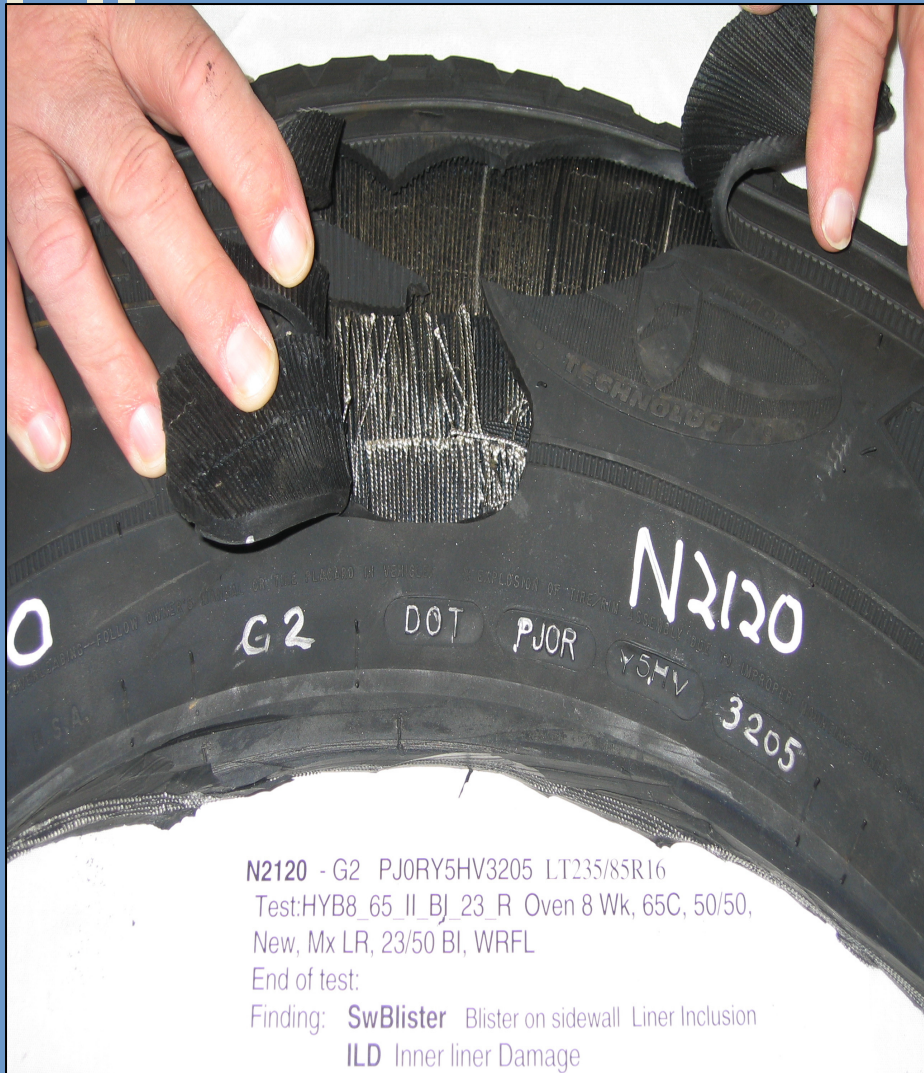
- Conducts crash tests and collects the data
- Conducts research on human behavior
- Perform analytical studies on vehicle components
- Operates the Vehicle Research and Test Center

# Heavy Truck Vision Enhancement

- Video mirrors to eliminate truck blind spots



# Tire Aging Research



# Backover Avoidance Research



# Electronic Stability Control



# Enforcement

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- Monitor and enforce vehicle safety standards
- Investigate alleged safety-related issues
- Investigate reports of odometer tampering
- Recall products that do not comply with safety standards or when a safety defect is found







# Priorities

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- Utilize advanced technologies to address:
  - Non-driver Occupant Protection
  - Rollovers
  - Pedestrian Backovers
- Continue research and development to address:
  - Older Drivers
  - Seat Belts in School Buses
  - Motorcycle Safety
- Improve Data Sources

# Support Needs

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- Contracts to perform laboratory testing, analyze data, conduct research, and some database support

# **Thank-you**

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## **Any questions**